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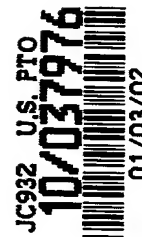
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January 3, 2002

BOX PATENT APPLICATION
Assistant Director For Patents
Washington, D.C. 20231

EXPRESS MAIL MAILING LABEL NO.: EL 794568199 US
DATE OF DEPOSIT JANUARY 3, 2002
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Patents, Washington, DC 20231

Derrick T. Gordon

Name of Person Mailing Paper or Fee

Derrick T. Gordon
Signature

January 3, 2002

Date of Signature

Re: New U.S. Patent Application
OPTICAL SWITCH

By: Naoki NISHIDA, Takuji HATANO, Koji TAKAHARA,
Shinji MARUYAMA, Miyuki TERAMOTO and Koujiro SEKINE
Attorney Docket: 15162/04220

Dear Sir:

Enclosed for filing are the following papers relating to
OPTICAL SWITCH, Naoki NISHIDA, Takuji HATANO, Koji TAKAHARA,
Shinji MARUYAMA, Miyuki TERAMOTO and Koujiro SEKINE, inventors:

- (1) Specification (20 pages, including 14 claims and an abstract);
- (2) Unexecuted Declaration and Power of Attorney (11 pages);
- (3) Formal Drawings (9 sheets);
- (4) Transmittal letter (1 page) with PrintEFS Patent Application Bibliographic Data (3 pages);

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January 3, 2002

Page 2

- (5) Transmittal letter (1 page) with Certified Copy of Priority Document (28 pages); and
- (6) Information Disclosure Statement (2 pages) with attached PTO-1449 form (1 page) and copies of the cited references (3 references).

The amount of the filing fee is calculated below:

			Fee for small entity			Fee for other than small entity	
Fee	No. filed	No. extra *	Rate	Fee	OR	Rate	Fee
Basic fee				\$370	OR		\$740
Total claims	14-20=	0	X \$9=	\$0	OR	X \$18=	\$-0-
Independent claims	2-3=	0	X \$42=	\$0	OR	X \$84=	\$-0-
Multiple Dependent Claim Presented	0	0	+\$140=	\$0	OR	+\$280=	\$-0-
			Total	\$0	OR	Total	\$740

*If the difference in Column 1 is less than zero, enter "0" in Column 2.

Please charge the required fee (\$740.00 for the application filing fee) to Sidley Austin Brown & Wood LLP's Deposit Account No. 18-1260. If additional fees are due, please charge any fees during the pendency of this application (other than the issue fee) to Deposit Account No. 18-1260. Please credit any overpayment to Deposit Account No. 18-1260.

This transmittal letter is being filed in duplicate.

SIDLEY AUSTIN BROWN & WOOD LLP

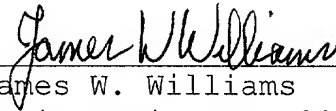
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Assistant Director For Patents
January 3, 2002
Page 3

All correspondence is to be directed to the address
associated with the customer number 24367.

Respectfully submitted,

By:



James W. Williams
Registration No. 20,047
Attorney for Applicants

JWW/rb
Enclosures

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re

U.S. application: Naoki NISHIDA, Takuji HATANO, Koji
TAKAHARA, Shinji MARUYAMA, Miyuki
TERAMOTO and Koujiro SEKINE
For: OPTICAL SWITCH
U.S. Serial No.: To Be Assigned
Filed: Concurrently
Group Art Unit: To Be Assigned
Examiner: To Be Assigned

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Assistant Director
for Patents
Washington, D.C. 20231

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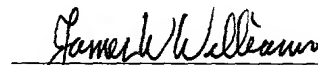
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TRANSMITTAL OF PrintEFS PATENT APPLICATION

BIBLIOGRAPHIC DATA

Submitted herewith is bibliographic data (3 pages) for the
above-identified application, in the PrintEFS Version 1.0.1
program format.

Respectfully submitted,



James W. Williams
Registration No. 20,047
Attorney for Applicants

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January 3, 2002